

# Behavioral Thresholds in Mixtures of Sand and Kaolinit

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Effects of particle size ratio on the macro- and microscopic behaviors of binary mixtures at the maximum packing efficiency state. <i>Granular Matter</i> , 2016, 18, 1.	1.1	38
2	Compressibility and small strain stiffness of kaolin clay mixed with varying amounts of sand. <i>KSCE Journal of Civil Engineering</i> , 2017, 21, 2152-2161.	0.9	20
3	Calibration of the PM4Sand Model for Sands with Substantial Amounts of Fines. , 2017, , .		0
4	Investigation on the mechanical behavior of track-bed materials at various contents of coarse grains. <i>Construction and Building Materials</i> , 2018, 164, 228-237.	3.2	60
5	Experimental simulation and mathematical modelling of clogging in stone column. <i>Canadian Geotechnical Journal</i> , 2018, 55, 427-436.	1.4	27
6	Estimating Porosity and Particle Size for Hydraulic Conductivity of Binary Mixed Soils Containing Two Different-Sized Silica Particles. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2018, 144, .	1.5	21
7	Effect of clay content on the shear strength of clay-sand mixture. <i>International Journal of Geo-Engineering</i> , 2018, 9, 1.	0.9	21
8	Effect of fines content and plasticity on undrained shear strength of quartz-clay mixtures. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	20
9	Permanent Deformation of Track-Bed Materials at Various Inclusion Contents under Large Number of Loading Cycles. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2018, 144, .	1.5	44
10	Effects of Clogging on Settlement Predictions of Ground Improved with Stone Columns. <i>KSCE Journal of Civil Engineering</i> , 2019, 23, 3889-3896.	0.9	3
11	Physical model study on the clay-sand interface without and with geotextile separator. <i>Acta Geotechnica</i> , 2019, 14, 2065-2081.	2.9	12
12	Comprehensive Correlations Between the Geotechnical and Seismic Data Conducted via Bender Element. <i>Geotechnical and Geological Engineering</i> , 2019, 37, 5077-5095.	0.8	8
13	Fall-cone testing of unsaturated sand-clay mixtures. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , 2019, 172, 432-441.	0.9	15
14	Physical and mechanical properties of Gravel-Tire Chips Mixture (GTCM). <i>Geosynthetics International</i> , 2019, 26, 92-110.	1.5	29
15	Effect of Particle Shape on Stress-Dilatancy Responses of Medium-Dense Sands. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2019, 145, .	1.5	207
17	Large-Strain Strength of Polymer-Modified Kaolinite and Fly Ash-Kaolinite Mixtures. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2019, 145, .	1.5	20
18	Numerical simulation of the effect of fine fraction on the flowability of powders in additive manufacturing. <i>Powder Technology</i> , 2020, 360, 608-621.	2.1	44
19	Effect of clay fraction and mineralogy on fall cone results of clay-sand mixtures. <i>Engineering Geology</i> , 2020, 279, 105887.	2.9	16

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20	Shear strength characteristics of a sand clay liner. Scientific Reports, 2020, 10, 18226.	1.6	5
21	Shear Strength of Sand-Clay Interfaces Through Large-Scale Direct Shear Tests. Arabian Journal for Science and Engineering, 2020, 45, 4343-4357.	1.7	5
22	Evaluation of Deformation Behavior of Sand-Clay Mixture under Traffic Loads. , 2020, , .		4
23	The effect of solid-phase composition on the drying behavior of Markermeer sediment. Vadose Zone Journal, 2020, 19, e20028.	1.3	5
24	Influence of Kaolin content on the cyclic loading response of railway subgrade. Transportation Geotechnics, 2020, 22, 100319.	2.0	37
25	Practical Estimation of Compression Behavior of Clayey/Silty Sands Using Equivalent Void-Ratio Concept. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2020, 146, .	1.5	49
26	Unified Packing Model for Improved Prediction of Porosity and Hydraulic Conductivity of Binary Mixed Soils. Water (Switzerland), 2021, 13, 455.	1.2	6
27	Monotonic, Cyclic, and Postcyclic Responses of an Alluvial Plastic Silt Deposit. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, .	1.5	22
28	Case study of a driven pile foundation in diatomaceous soil. I: Site characterization and engineering properties. Journal of Rock Mechanics and Geotechnical Engineering, 2021, 13, 431-445.	3.7	17
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31	Effect of principal stress rotation on deformation behavior of dense sand-clay mixtures. Road Materials and Pavement Design, 2022, 23, 2035-2056.	2.0	2
32	Deformation characteristics of medium-dense sand-clay mixtures under a principal stress rotation. Transportation Geotechnics, 2021, 30, 100616.	2.0	6
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34	Inverse effect of packing density on shear wave velocity of binary mixed soils with varying size ratios. Journal of Applied Geophysics, 2021, 194, 104457.	0.9	5
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38	A Review of Sand-Clay Mixture and Soil-Structure Interface Direct Shear Test. <i>Geotechnics</i> , 2021, 1, 260-306.	1.2	25
39	Internal Instability in Soils: A Critical Review of the Fundamentals and Ramifications. <i>Transportation Research Record</i> , 2022, 2676, 1-26.	1.0	10
40	Friction and maximum dilatancy angles of granular soils incorporating low plastic fines and depositional techniques effects. <i>European Journal of Environmental and Civil Engineering</i> , 2022, 26, 7503-7525.	1.0	12
41	The Mechanical Properties and Microstructure of Reticulated Red Clay-Sand Mixture Using X-Ray Diffraction. <i>Journal of Physics: Conference Series</i> , 2021, 2083, 022081.	0.3	2
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44	Swelling and behavioral transformation of magnesia-sand mixtures: experimental characterization of physical properties and undrained shear strength. <i>Bulletin of Engineering Geology and the Environment</i> , 2022, 81, 1.	1.6	0
45	Shear-Induced Instability of Sand Containing Fines: Using the Equivalent Intergranular Void Ratio as a State Variable. <i>International Journal of Geomechanics</i> , 2022, 22, .	1.3	1
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47	Mechanical properties of landfill components under low to medium stress levels. <i>Bulletin of Engineering Geology and the Environment</i> , 2022, 81, .	1.6	2
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49	Critical state shear strength at concrete-sand-bentonite slurry interfaces: mix proportions and rate effects. <i>Geotechnique Letters</i> , 2022, 12, 281-287.	0.6	3
50	Evaluation of dependency of compression index on toughness limit for fine-grained soils. <i>Neural Computing and Applications</i> , 0, , .	3.2	1
51	Fly Ash Effects on the Stress-Dilatancy Relation of Coarse Soils: Particle Morphology Role. <i>Geotechnical and Geological Engineering</i> , 2023, 41, 2517-2536.	0.8	10
52	Undrained Cyclic Shear Behavior of a Low Plasticity Alluvial Silt. , 2023, , .		0
60	Strain-Dependent Cyclic Strength Ratio Model for Transitional Silts. , 2024, , .		0
61	A Laboratory Examination of the Undrained Cyclic Shear Behavior of Pyroclastic Sands. , 2024, , .		0